**2 4 7 5   V E H I C L E   M O U N T   T E R M I N A L**

## Physical Charateristics
**Length:** 27.1cm (10.7in)
**Height:** 26.5cm (10.4in)
**Width:** 9.7cm (3.8in)
**Weight:** 4.7kg (10.5lb)

## Standard Features
- Wireless connectivity
- Compact, industrial design
- Robust data collection
- Flexible, open connectivity
- Rapid application development

## Power
**Supply:** Primary – 12V to 80VDC universal power supply with surge, over-voltage, and reversal protection.
**Battery Type:** Memory backup – Rechargeable NiCad

## Hardware
**Memory:** RAM Memory – 1MB Non-volatile memory, 2MB option for 2MB additional, 4 MB total.
**Extended Storage:** 2, 4MB SRAM
**Interfaces:** Local Device Communications, Auxiliary RS-232
**Laser Scanners:** Sealed connector for use with Intermec cabled & wireless laser scanners
**Display:** CGA compatible LCD with backlight. 12 lines by 40 characters per line display up to 24 lines.
**Keyboard:** Alphanumeric, 59 keys elastomeric; Qwerty layout; 5 separate fucntion keys. Options for IBM 5250, IBM 3270 and ANSI/VT layouts.

## Software
**Development Environments:**
Microsoft C/C++
**Terminal Emulation:**
IBM 3270, 5250, TN5250, TN3270 and ANSI/VT VT100, VT220, VT320

## Connectivity
Serial Data Support
RS232-C up to 38.4 baud
XMODEM, YMODEM for data transfer
Supports Configurable Serial Protocol and XON/OFF

## Host Support Direct Connect
**Host Environment:** IBM AS/400, S/390, Digital, HP, UNIX with Telnet Services
**Connectivity:** 2.4 GHz wireless
**Communications:** TCP/IP, DHCP Supported
**Terminal Emulation:** TN 5250, TN 3270, VT/ANSI

## Host Support via DCS300 Gateway
**Host Environment:** IBM AS/400, S/390, Digital, HP, UNIX
**Connectivity:** 10/100 Mbps Ethernet, Token Ring, Twinax, Coax, SDLC
**Communications:** TCP/IP, SNA, TCP/IP socket pass through
**Terminal Emulation:** IBM SNA 5250, 3270, TN5250, TN3270, ANSI/VT

## Accessories
Desktop power supply, User's Manual, Programmer's Software Kit (PSK)

## Environment
**Operating Temperature:** -10" to +50°C (14° to 122°F)
**Storage Temperature:** -20° to +60" C (-4 to 140°F)
**Humidity:** 10 to 90% non-condensing
**Shock and Vibration Protection:**
Vibration tested to exceed MIL STD 810D
**Rain and Dust Resistance:** Sealed against dust and moisture to IP54

## Wireless LAN Characteristics
**IEEE 802.11b Wi-FI Certified**
**Type:** Direct Sequence Spread Spectrum
**Data Rate:** 11/5.5/2/1 Mbps with Auto fallback for increased range
**Range\* at 1 Mbps:** From 1750ft (533m) to 165ft (50m) depending on environments
**Range\* at 11 Mbps:** From 525ft (160m) to 80ft (24m) depending on environment
**Security:** Wired Equivalent Privacy (WEP) –64 or 128 bit encryption
*Unlimited range with roaming

## Regulatory Approvals
FCC – Part 15.247 Certified, Canada – RSS 210 Certified, TÜV GS Licensed, ETS 300 328 - ETS 300 328 Type Approved, EN 55022/CISPR 22 Class B, FCC Part 15 & ICES-003 Class A, SCT Certified NOM-EM-121, AS 3548 – C tick Marked, Compliant with all European Directives - RTTE, EMC and low voltage directives, CE Marked (EN 300 489-01)- ETS 300 826, UL Listed, UL 1950, C22.2 #950 & IEC 60529-IP54, TUV Licensed, EN 60950 & EN 60529 – IP54, NYCE Certified, NOM 19

## Restrictions On Use
Intemec reserves the right to make changes without notice to any product herein for any reason at any time, including but not limited to improving the reliability, form, fit, function or design. Please contact Intermec for current price list and availability.

**Intermec**
**e x p e c t   MORE™**

## Product
## Profile

- Open systems

- Faster implementation and support

- Compact, rugged design

- Investment protection through modular design

- Lower overall lifetime cost of ownership

- Wireless LAN connectivity with WiFi certified 2.4 GHz 802.11b (11Mbps) and OpenAir

- Wireless scanning

## 5055 VEHICLE MOUNT / STATIONARY COMPUTER

The rugged Intermec 5055 vehicle mount and stationary computer is designed for data collection applications in warehousing and distribution, manufacturing, transportation, and customer service. The 5055 is engineered to make data collection a seamless part of the enterprise with your choice of operating systems, currently including Microsoft® Windows 2000, NT, 95 and MS-DOS.

State of the art development tools, such as Visual C++, Visual Basic, Java, and HTML, can be used with the 5055. A user accessible hard drive and two PC card slots provide investment protection by making upgrades, service and support fast and easy.

The 5055 modular design allows efficient operations and support by allowing convenient swap-out of radios and hard drives, permitting on-site personnel to upgrade hardware.

Touch screen graphics and capabilities allow visual presentation of data and work direction while easy-to-use symbols and icons help navigate applications.

The 5055's space-saving housing allows convenient mounting to material handling equipment, trucks, manufacturing stations, and between dock doors. With a hardened, lightweight magnesium housing, the 5055 is resistant to shock, vibration and unstable power environments.

The 5055 was designed with capability in mind. The 5055 supports both 802.11b 11Mbps and OpenAir for wireless connection to your network. It supports Intermec's own wireless scanning system. The system can avoid inadvertent shutdowns and power loss with an uninterruptable power supply (UPS) on material handling vehicle. A unique recovery disk drive partition allows customers to re-image or recover corrupt drives.

**5055 VEHICLE MOUNT/STATIONARY COMPUTER**

**Physical Characteristics**
**Height:** 23.5 cm (9.3")
**Width:** 30.5 cm (12")
**Depth:** 5.5 cm-top (2.18")
9.4 cm-bottom (3.72")
**Weight:** 3.2-4.0 kg depending on configuration (lightweight, durable magnesium enclosure)

**Display**
**Viewing Area:** 26.4 cm (10.4")
**Options:** Color Active Matrix TFT
**VGA:** 640x480 pixels
**SVGA:** 800x600 pixels

**User Interface**
High resolution, resistive touch panel

**Environment**
**Operating Temperature:** -30° to 50°C (-22° to 122°F)
**Storage Temperature:** -35° to 70°C (-31° to 158°F)
**Humidity:** 0% to 95% non-condensing
**Shock Vibration Protection:** Withstands standard material handling vehicle environments
**Rain and Dust:** Sealed to IP54

**Power**
- Choice of two external DC/DC converters
- 6-36V DC for 12V systems (gas trucks)
- 15-96V DC for 24-72V systems (electric trucks)
- AC/DC Converter
- Uninterruptable power supply (UPS) for DC voltage

**Processor**
AMD 333 MHz

**Memory**
- 128MB
- 2MB Video RAM

**Operating Systems**
- Windows 2000
- Windows NT 4.0
- MS-DOS 6.22
- Windows 95

**Hard Drives**
- Solid state San Disk options for rugged, vehicle based applications
- Spinning hard disk option for stationary applications

**RF Options**
**802.11b 2.4GHz (Direct Sequence Spread Spectrum)**
100mW max output power
**802.11b standard**
100mW max output power
**Data Speed:** 11 Mbps
**Coverage:** > 80 m
**OpenAir 2.4GHz (Frequency Hopping Spread Spectrum)**
100mW max output power
**Data Speed:** 1.6 Mbps
**Coverage:** >80 m

**Antenna Options**
- Omni-directional on unit
- Remote patch antenna

**Network Connectivity**
10BaseT Ethernet on-board

**Application Connectivity**
- Supports terminal emulation applications with MS-DOS 6.22 operating system
- Supports standard Windows environment application development and connectivity

**Interfaces**
- 2 Serial ports supporting serial barcode scanners
- 1 enhanced parallel port
- 1 speaker/headset jack
- 1 microphone jack
- 1 PS/2 Keyboard connector (accepts locking standard PS/2 connectors)
- 1 Mouse connector
- Power connector
- On/Off switch

**Accessible Expansion Slots**
- One 6.4 cm (2.5") IDE drive bay
- Two Type II/Type III PC card slots

**PC Sound System**
- Dual speakers
- Speaker/Headset jack supports external speaker sound system
- SoundBlaster & Windows sound compatible
- Microphone jack

**Regulatory Approvals**
**EMC:** FCC Part 15/ICES-003/CISPR 22 Class B, EMC Directive 89/336/EEC (CE Marked), ETS 300 826, AS 3548 (C-Tick Marked)
**Safety:** UL Listed - UL 1950/CSA 22.2, No. 950; Low Voltage Directive 72/32/EEC (IEC 950); NYCE NOM 19 Certified
**Radio Options:** FCC, Industry Canada, SCT Approved, ETSI, R&TTE Directive compliant

**Accessories**
- Mounting kit
- Desktop adapter plate
- Optional rugged keyboards for DOS/PC
- VT220, 5250, 3270, and Native emulation
- Recovery/re-imaging CD-ROM

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